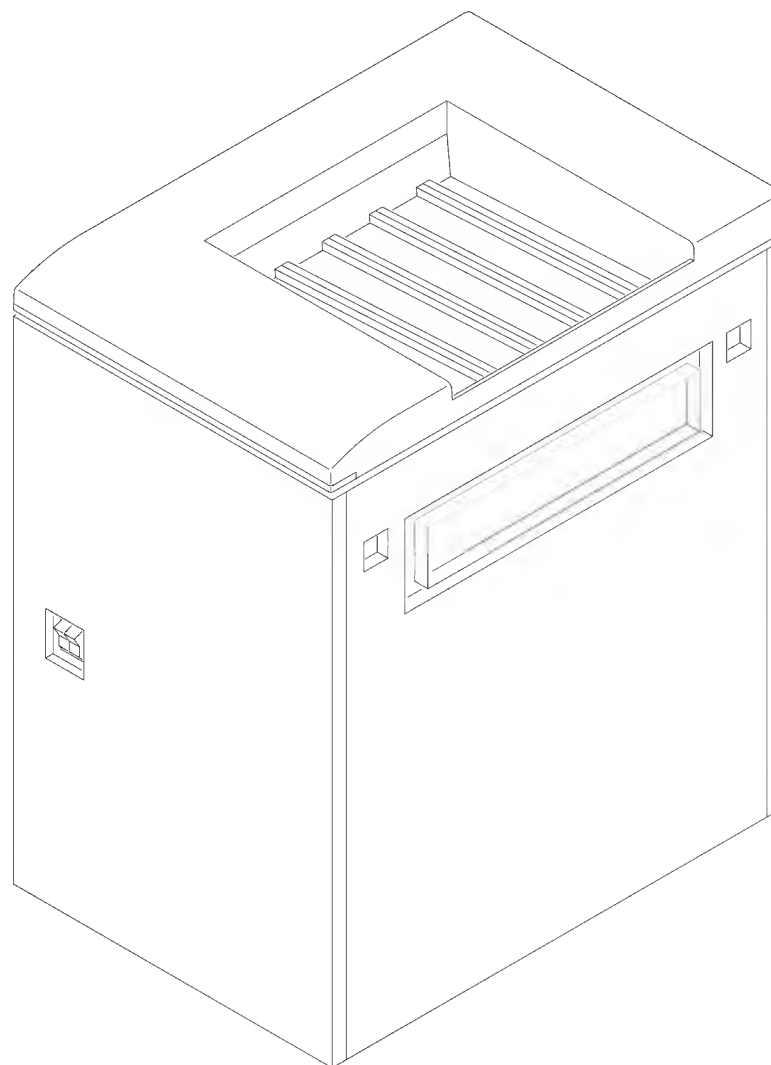




COMPONENT LOCATOR for the *Kodak X-Omat* 180 LP and 180 LPS PROCESSORS



PLEASE NOTE The information contained herein is based on the experience and knowledge relating to the subject matter gained by Eastman Kodak Company prior to publication.

No patent license is granted by this information.

Eastman Kodak Company reserves the right to change this information without notice, and makes no warranty, express or implied, with respect to this information. Kodak shall not be liable for any loss or damage, including consequential or special damages, resulting from any use of this information, even if loss or damage is caused by Kodak's negligence or other fault.

 This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

Table of Contents

Description	Page
List of Components	3
Location of Components	7
Figure No. 1 - 500 Circuit Board	7
Figure No. 2 - Electrical Box	8
Figure No. 3 - Non-Drive Side	9
Figure No. 4 - Drive Side	10
Figure No. 5 - Entrance Detector Switches	11
Publication History	13

Section 1: List of Components

Component	Designator	Description	Page
Battery	BT501	Microprocessor Battery	7
Capacitor	C2	A1 Power Supply	8
Circuit Board	500 BD	Microprocessor Circuit Board	8
Circuit Breaker	CB1	Main Power	10
Connectors	J4	Fixer Manager Interface	8
	J11	Diagnostic Interface	8
	P29	Printer Interface	9
	P/J2	AC Electrical Box	8
	P/J3	DC Electrical Box	8
	P/J8	Fixer Manager Current Limit	8
	P/J9	AC Input Quad Power Supply	8
	P/J10	DC Output Quad Power Supply	8
	P/J12	Fixer/Developer Recirculation Pump	10
	P/J14	Replenisher Calibration Switch	9
	P/J15	Developer Replenishment Pump	10
	P/J16	Fixer Replenishment Pump	10
	P/J17	Autotransformer	9
	P/J18	Blower Motor	9
	P/J19	Fixer Heater	10
	P/J20	Developer Heater	10
	P/J21	Dryer Heater	10
	P/J22	Drive Motor	10
	P/J23	Developer Cooling Solenoid	10
	P/J24	Dryer Air Flow Switch	9
	P/J25	Top Cover Interlock Switch	11
	P/J26	Developer Thermistor	10
	P/J27	Fixer Thermistor	10
	P/J28	Dryer Thermistor	9
	P/J30	Input Water Solenoid	10
	P/J31	Drive Side Film Detector	11
	P/J32	Non-Drive Side Film Detector	11
	P/J33	Exit Assembly	11
	P/J34	Exit Switch	11
	P/J54	Sorter Harness	8
	P/J501	Microprocessor Circuit Board	7

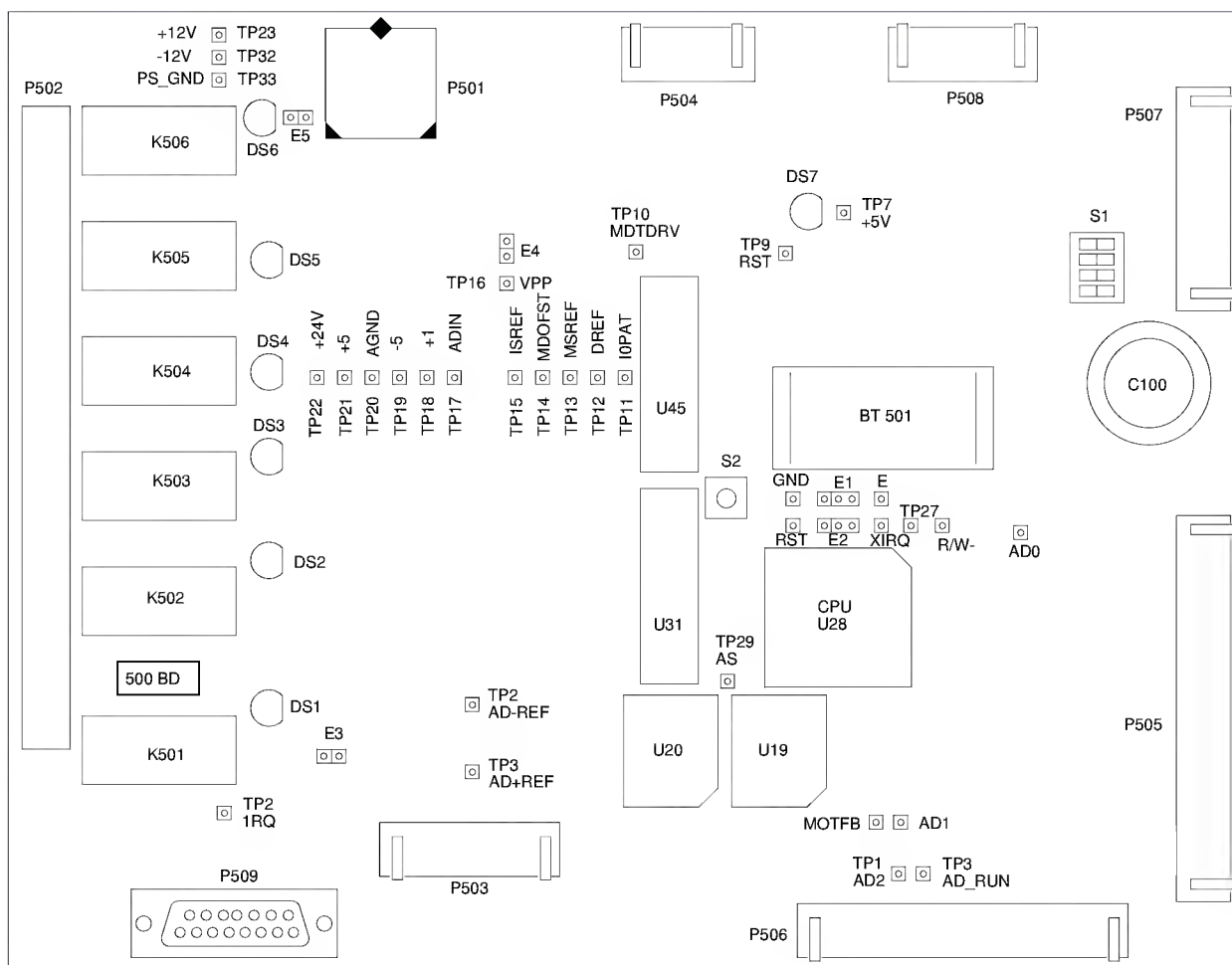
Component	Designator	Description	Page
Connectors (continued)	P/J502	Microprocessor Circuit Board	7
	P/J503	Microprocessor Circuit Board	7
	P/J504	Microprocessor Circuit Board	7
	P/J505	Microprocessor Circuit Board	7
	P/J506	Microprocessor Circuit Board	7
	P/J507	Microprocessor Circuit Board	7
	P/J508	Microprocessor Circuit Board	7
	P/J509	RS 232 Serial Port	7
Diodes	CR1	EMI Line Filter	10
	CR2	Developer Cooling Solenoid	10
	CR3	Film Sorter Solenoid	11
Filter	FL1	EMI Line Filter	10
Fuses	F1	Dryer Blower/Pumps	8
	F2	Developer/Fixer Heater	8
	F3	Main Drive Motor	8
	A1 F1	DC Power Supply	8
Heaters	HR1	Developer Heater	10
	HR2	Fixer Heater	10
	HR3	Dryer Heater	9
Integrated Circuits	U19	EEPROM, Main Program	7
	U20	PROM, Bootstrap	7
	U28	CPU	7
LED and Indicators	DS1	Dryer Heater Enable Relay LED	7
	DS2	Dryer Blower Relay LED	7
	DS3	Recirculation Pump Relay LED	7
	DS4	Developer/Fixer Heater Enable Relay LED	7
	DS5	Main Drive Motor Relay LED	7
	DS6	Replenisher Pumps Enable Relay LED	7
	DS7	500 Circuit Board Status Indicator	7
Motors	B1	Dryer Blower Motor or Replenishment Pump	9
	B3	Developer Replenishment Pump	10
	B4	Fixer Replenishment Pump	10
	B5	Recirculation Pump	10
	B6	AC Drive Motor	10

Component	Designator	Description	Page
Power Supply	A1	Quad Power Supply	8
Relays	K7	Dryer Heater Enable Relay	8
	K501	Dryer Heater Enable Relay	7
	K502	Dryer Blower Motor Relay	7
	K503	Recirculation Pump Relay	7
	K504	Developer/Fix Heater Enable Relay	7
	K505	Main Drive Motor Relay	7
	K506	Replenishment Pumps Enable Relay	7
Resistors	R101	Fixer Manager Current Limit	8
	R102	Fixer Manager Current Limit	8
Sensors and Switches	S1	Drive Side Entrance Detector Switch	11
	S2	Non-Drive Side Entrance Detector Switch	11
	S3	Dryer Air Flow Switch	9
	S4	Top Cover Interlock Switch	11
	S5	Replenishment Calibration Switch	9
	S6	Film Exit Switch	11
	S7	Developer Level Probe	9
	S8	Fixer Level Probe	9
	S10	Dryer Overtemperature Thermostat	9
Solenoids and Inductors	L1	Input Wash Solenoid	10
	L2	Developer Cooling Solenoid	10
	L3	Fixer Heater Inductor	8
	L4	Dryer Heater Inductor	8
	L5	Developer Heater Inductor	8
	L6	Film Sorter Solenoid	11
Solid State Relays	SSR - U1	Fixer Heater Relay	8
	SSR - U2	Fixer Replenishment Pump Relay	8
	SSR - U3	Dryer Heater Relay	8
	SSR - U4	Developer Replenishment Pump Relay	8
	SSR - U5	Developer Heater Relay	8
Suppressors	A2 - K502	Relay	8
	A3 - K503	Relay	8
	A4 - K505A	Relay	8
	A5 - K505B	Relay	8

Component	Designator	Description	Page
Terminal Blocks	TB1	Main AC Power Input	10
	TB2	AC Power Selection/Distribution	10
	TB3	AC Power Selection/Distribution	10
	TB4	Electrical Box AC Power	8
	TB5	Electrical Box DC Electronics	8
Test Points - 500 BD	TP7	+ 5 V DC	7
	TP22	+ 24 V DC	7
	TP23	+12 V DC	7
	TP32	- 12 V DC	7
	TP33	Power Supply Ground	7
Thermistors	RT1	Developer Thermistor	10
	RT2	Fixer Thermistor	10
	RT3	Dryer Thermistor	9
Transformer	T1	Autotransformer	9
Varistor	RV1	SSR-U5	8
	RV2	SSR-U1	8
	RV3	SSR-U3	8

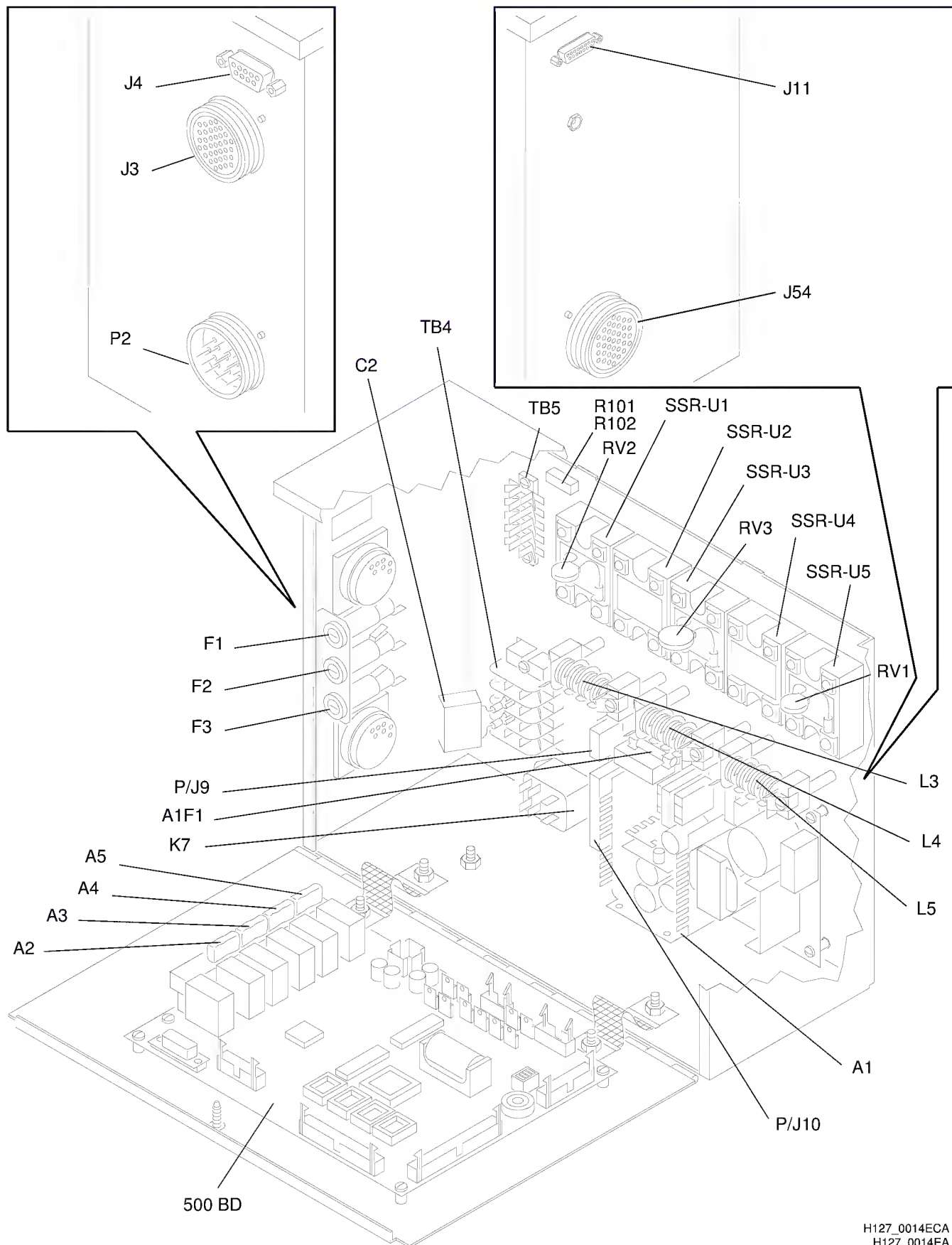
Section 2: Location of Components

Figure No. 1 - 500 Circuit Board



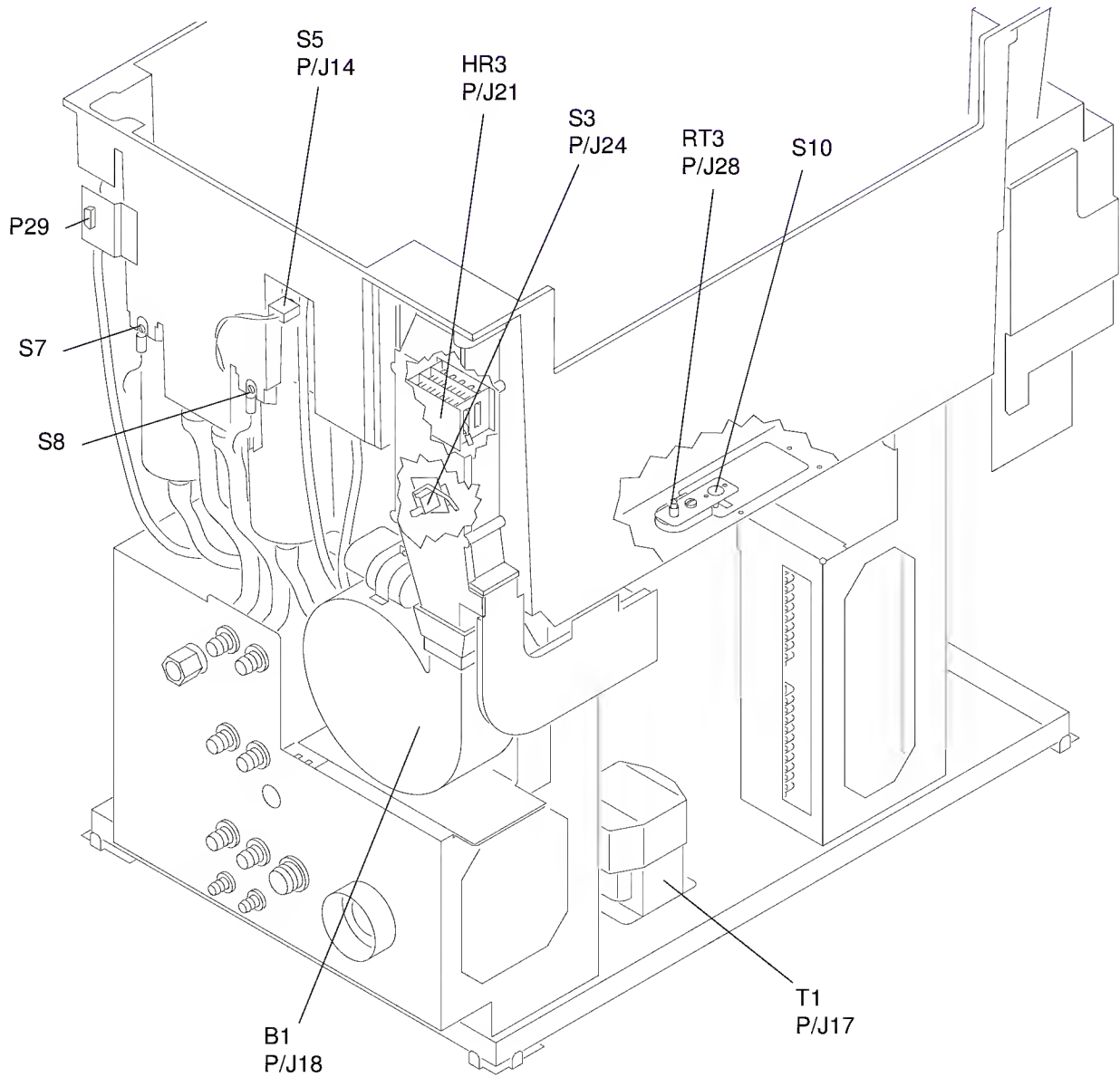
H127_0097DA

Figure No. 2 - Electrical Box



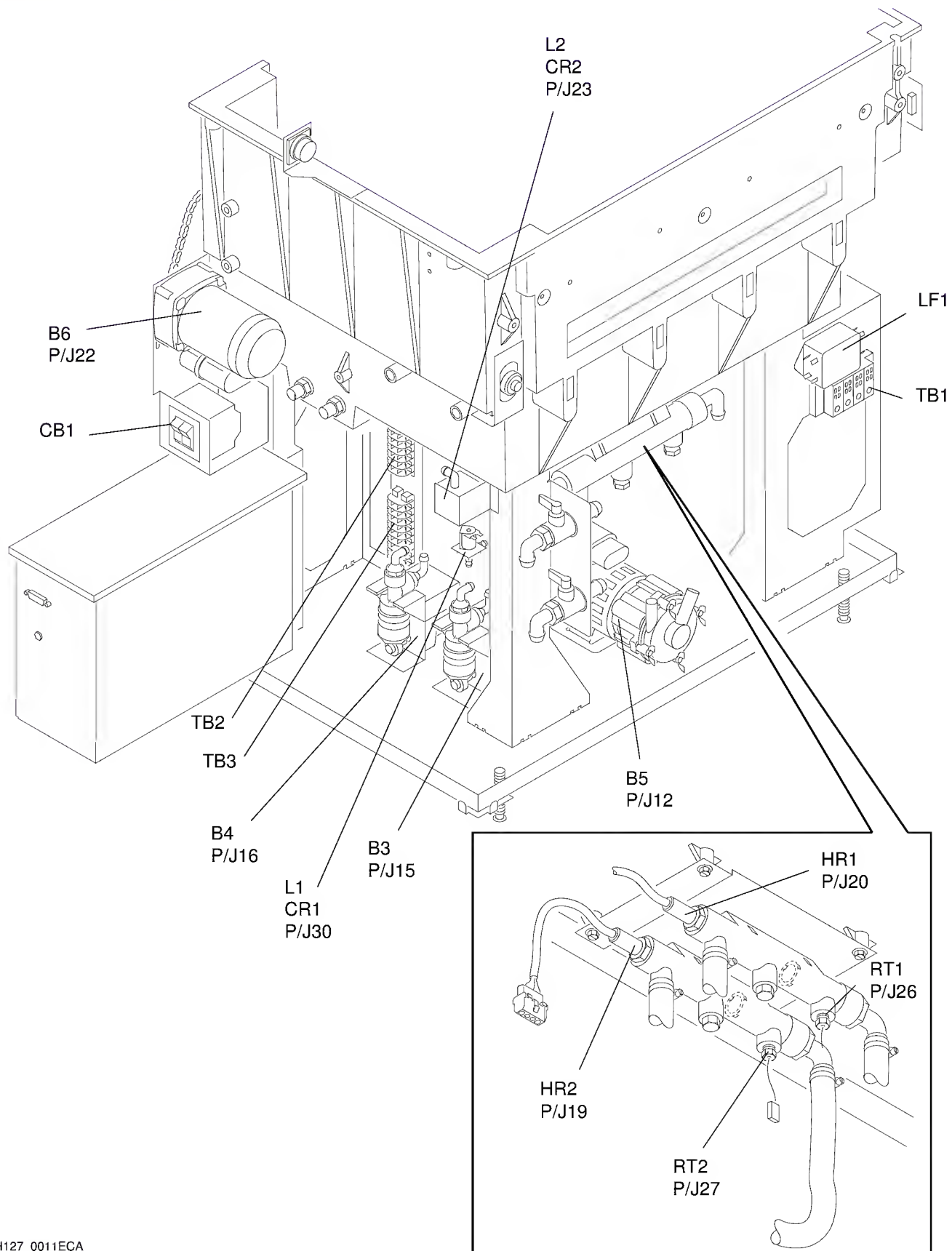
H127_0014ECA
H127_0014EA

Figure No. 3 - Non-Drive Side



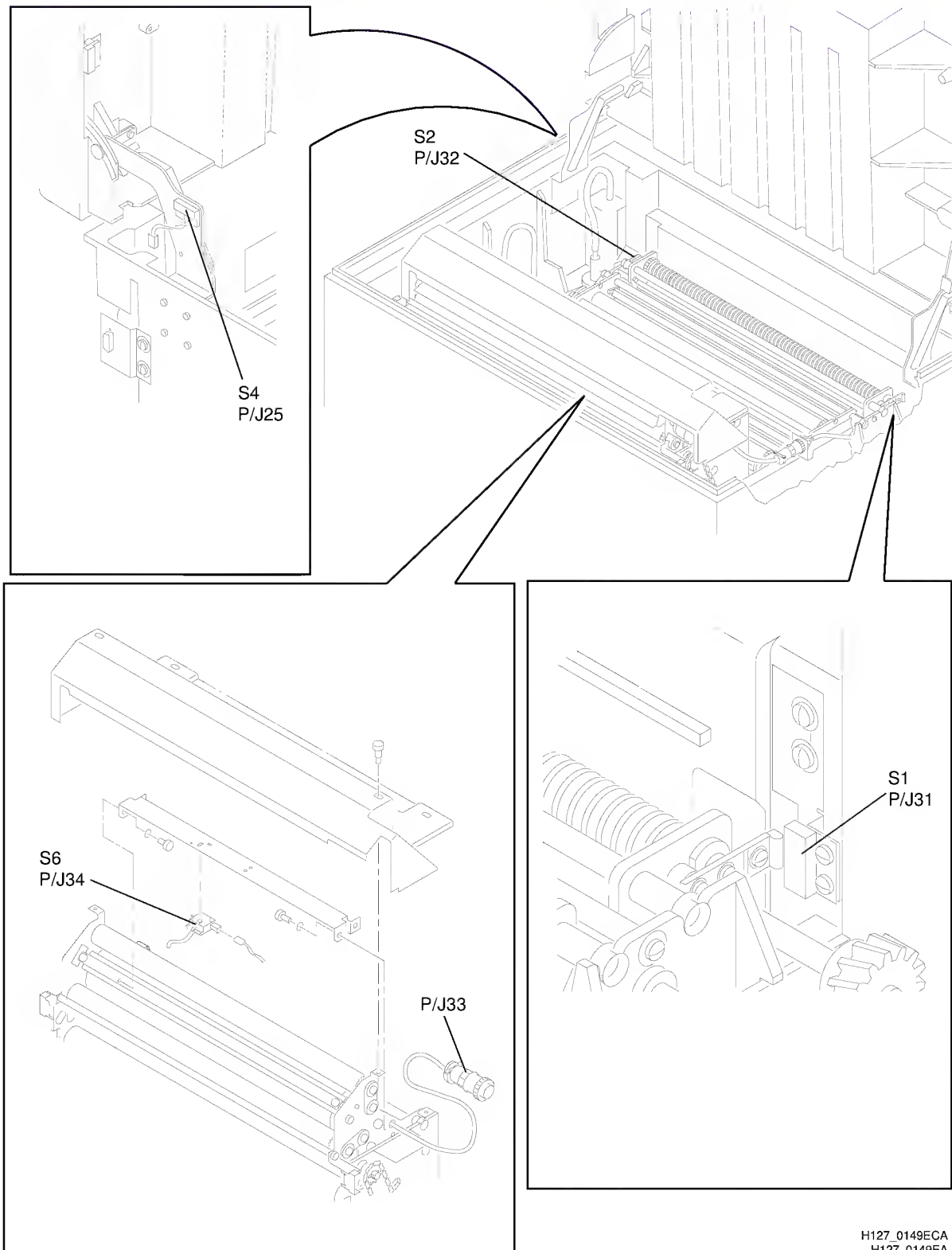
H127_0007DCB
H127_0007DA

Figure No. 4 - Drive Side



H127_0011ECA
H127_0011EA

Figure No. 5 - Entrance Detector Switches



H127_0149ECA
H127_0149EA

Section 3: Publication History

Print Date	Pub. No.	ECO No.	Affected Pages	File Name	Notes
July 1995	1C7840	2619-099	All pages	cl3198_1_099.doc	First printing
Sep 1997	1C7840		All pages	cl319800.doc	First CD-ROM printing. Content is identical to July 1995 version; formatting may vary from print version.

Kodak and X-Omat are trademarks.

